

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: H. Michael SHEPARD, et al.

Title: ENZYME CATALYZED  
THERAPEUTIC  
COMPOUNDS

Appl. No.: 10/681,418

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Laura Davis

(Printed Name)



(Signature)

January 23, 2008

(Date of Transmission)

**AMENDMENT AND REPLY UNDER 37 CFR § 1.116**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Amendment and Reply is responsive to the Final Office Action issued by the U.S. Patent and Trademark Office on October 23, 2007, in connection with the above-identified application. A response to this Final Office Action is due January 23, 2008. Accordingly, this Amendment and Reply is timely filed.

**Amendments to the Specification** begin on Page 2 of this document.

**Amendments to the Claims** begin on Page 3 of this document.

**Remarks/Arguments** begin on Page 9 of this document.